

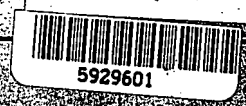
U.S. PTO
08/995713

12/22/97
Class Subclass

ISSUE CLASSIFICATION
CLASSIFIED



5929601



UTILITY SERIAL NUMBER	PATENT DATE	PATENT NUMBER
-----------------------------	-------------	------------------

SERIAL NUMBER 08/995,713	FILING DATE 12/22/97	CLASS 320	SUBCLASS 113	GROUP ART UNIT 2838	EXAMINER Tso
-----------------------------	-------------------------	--------------	-----------------	------------------------	-----------------

APPLICANTS: THOMAS E. KAIB, NORTH HUNTINGDON, PA; EDWARD J. DONNELLY, ALLISON PARK, PA; NORMAN J. CONNORS, MONROEVILLE, PA.

CONTINUING DATA***

VERIFIED

Wang

FOREIGN APPLICATIONS***

VERIFIED

Wang

FOREIGN FILING LICENSE GRANTED 03/27/98

***** SMALL ENTITY *****

Foreign priority claimed: 35 USC 119 conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	AS FILED	STATE OR COUNTRY	SHEETS DRWGS.	TOTAL CLAIMS	INDEP. CLAIMS	FILING FEE RECEIVED	ATTORNEY'S DOCKET NO.
Verified and Acknowledged	Examiner's Initials	→	PA	5	29	2	\$624.00	970118

ADDRESS: JOHN E GROSSELM III
BUCHANAN INGERSOLL PC
ONE OXFORD CENTRE
301 GRANT STREET 20TH FLOOR
PITTSBURGH PA 15219

TITLE: BATTERY MANAGEMENT APPARATUS FOR PORTABLE ELECTRONIC DEVICES

U.S. DEPT. OF COMMERCE/PAT. & TM. PTO-438U (Rev. 12-97)

PARTS OF APPLICATION FILED SEPARATELY		Applications Examiner	
NOTICE OF ALLOWANCE MAILED 2/3/99		CLAIMS ALLOWED Total Claims 30 Print Claims 1	
ISSUE FEE Amount Due 605.00 Date Paid 5-7-99		DRAWING Sheets Drawn 5 Figs. Drawn 1 Print Figs. 1	
Label Area		ISSUE BATCH NUMBER 071	
PREPARED FOR ISSUE		WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.	

Form PTO-438A
(Rev. 8/92)

SCAN 3 SM
000
DMV

ISSUED

(FACE)

AREA

☆U.S. GOVERNMENT PRINTING OFFICE: 1998-440-769

PATENT NUMBER		ORIGINAL CLASSIFICATION	
APPLICATION SERIAL NUMBER		CLASS	SUBCLASS
08/995,713		320	113
APPLICANT'S NAME (PLEASE PRINT)		CROSS REFERENCE(S)	
KAIB et al.		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)
IF REISSUE, ORIGINAL PATENT NUMBER			
INTERNATIONAL CLASSIFICATION			
H01M 10/46			
		GROUP ART UNIT	ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)
		2838	EDWARD A - T30

PTO 270
(REV. 5-91)

ISSUE CLASSIFICATION SLIP

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE